

Title (en)

SYSTEMS AND METHODS FOR GEO-FENCING DEVICE IDENTIFICATION AND AUTHENTICATION

Title (de)

SYSTEME UND VERFAHREN ZUR IDENTIFIZIERUNG UND AUTHENTIFIZIERUNG EINER GEOFENCING-VORRICHTUNG

Title (fr)

SYSTÈMES ET PROCÉDÉS D'IDENTIFICATION ET D'AUTHENTIFICATION DE DISPOSITIF DE GÉOREPÉRAGE

Publication

EP 3164772 A4 20171213 (EN)

Application

EP 15871320 A 20150331

Priority

CN 2015075617 W 20150331

Abstract (en)

[origin: WO2016154940A1] Systems and methods for UAV safety are provided. An authentication system may be used to confirm UAV and/or user identity and provide secured communications between users and UAVs. The UAVs may operate in accordance with a set of flight regulations. The set of flight regulations may be associated with a geo-fencing device in the vicinity of the UAV.

IPC 8 full level

G05D 1/10 (2006.01); **G06F 21/62** (2013.01); **G08G 5/00** (2006.01); **G08G 5/04** (2006.01); **H04W 4/02** (2009.01); **H04W 12/06** (2009.01)

CPC (source: EP US)

G05D 1/106 (2024.01 - EP US); **G06F 21/6218** (2013.01 - EP); **G08G 5/0008** (2013.01 - EP); **G08G 5/0013** (2013.01 - EP); **G08G 5/0026** (2013.01 - EP); **G08G 5/0034** (2013.01 - EP); **G08G 5/0039** (2013.01 - EP); **G08G 5/0043** (2013.01 - EP); **G08G 5/0052** (2013.01 - EP); **G08G 5/006** (2013.01 - EP); **G08G 5/0069** (2013.01 - EP); **G08G 5/0078** (2013.01 - EP); **G08G 5/0082** (2013.01 - EP); **G08G 5/0086** (2013.01 - EP); **G08G 5/0091** (2013.01 - EP US); **H04W 4/022** (2013.01 - EP); **H04W 12/065** (2021.01 - EP US); **H04W 12/069** (2021.01 - EP US); **B64U 2101/20** (2023.01 - US); **B64U 2101/30** (2023.01 - US); **B64U 2201/104** (2023.01 - EP); **B64U 2201/20** (2023.01 - EP US); **G06F 2221/2111** (2013.01 - EP); **G06F 2221/2117** (2013.01 - EP); **G08G 5/0056** (2013.01 - EP)

Citation (search report)

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- [IY] US 2003225489 A1 20031204 - TSAO STEVEN [US]
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- See also references of WO 2016154940A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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WO 2016154940 A1 20161006; CN 107430402 A 20171201; CN 107430402 B 20210101; EP 3164772 A1 20170510; EP 3164772 A4 20171213; JP 2018501560 A 20180118; JP 6355034 B2 20180711

DOCDB simple family (application)

CN 2015075617 W 20150331; CN 201580078610 A 20150331; EP 15871320 A 20150331; JP 2017529031 A 20150331